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 Shiva Chaitanya, Kevin Butler, Anand Sivasubramanian, Patrick McDaniel,
 October 2006 StorageSS '06: Proceedings of the second ACM workshop on
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Publisher: ACM

Full text available: Pdf (296.66 KB)

Additional Information: [full citation](#), [abstract](#),

Bibliometrics: Downloads (6 Weeks): 38, Downloads (12 Months): 234, Citation

This paper studies the performance and security aspects of the iSCSI protocol based system. Ethernet speeds have been improving rapidly and network bandwidth is no longer considered a bottleneck when compared to Fibre-channel based ...

Keywords: IPSec, authentication, encryption, iSCSI

- 2 [A scalable and high performance software iSCSI implementation](#)
 Abhijeet Joglekar, Michael E. Kounavis, Frank L. Berry
 December 2005 FAST'05: Proceedings of the 4th conference on USENIX
 Storage Technologies - Volume 4 , Volume 4

Publisher: USENIX Association

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 Vinay Aggarwal, Olaf Maennel, Jeffrey Mogul, Allyn Romanow
 October 2003 SIGCOMM Computer Communication Review , Volume 33 Is

Publisher: ACM



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This is a summary of the NICELI workshop, based on scribe reports written by Vinay Aggarwal, and edited by Jeffrey Mogul and Allyn Romanow with help from the workshop was held in conjunction with SIGCOMM 2003 on ...

- 4 [miNI: reducing network interface memory requirements with dynamic memory management](#)
 Reza Azimi, Angeles Blias




-  June 2003 ICS '03: Proceedings of the 17th annual international conference
 Publisher: ACM
 Full text available:  Pdf (289.75 KB) Additional Information: [full citation](#), [abstract](#),
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Recent work in low-latency, high-bandwidth communication systems has
 Network Interface Controllers (NICs) and communication abstractions to
 NIC to applications virtual memory to avoid ...


Keywords: parallel architectures, system area networks

- 5 [A study of the impact of direct access I/O on relational database man](#)
 Heidi Scott, Patrick Martin, Berni Schiefer
 September 2002 CASCOS '02: Proceedings of the 2002 conference of the C
 Collaborative research
 Publisher: IBM Press
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Direct access I/O allows an application program to send requests direct
 involving the operating system. We believe that data-intensive applicati
 management systems (DBMSs) stand to reap significant ...

- 6 [CTO storage roundtable, part two](#)
 Mache Creeger
 September 2008 Communications of the ACM , Volume 51 Issue 9
 Publisher: ACM
 Full text available:  Digital Edition ,  Html (31.31 KB),  Pdf (2.14 MB) Additional In
 Bibliometrics: Downloads (6 Weeks): 165, Downloads (12 Months): 172, Citati

Leaders in the storage industry ponder upcoming technologies and tren

- 7 [Direct Cache Access for High Bandwidth Network I/O](#)
 Ram Huggahalli, Ravi Iyer, Scott Tetric
 June 2005 ICSA '05: Proceedings of the 32nd annual international sympos
 Publisher: ACM
 Full text available:  Pdf (194.52 KB) Additional Information: [full citation](#), [abstract](#),
 Bibliometrics: Downloads (6 Weeks): 16, Downloads (12 Months): 128, Citatio

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 limit processors from matching 10 Gb inbound network ...


Also published in:

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 Mallikarjun Chadalapaka, Hemal Shah, Uri Elzur, Patricia Thaler, Michael K
 August 2003 NICELI '03: Proceedings of the ACM SIGCOMM workshop on I

experience, lessons, implications

Publisher: ACM

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The iSCSI protocol is the IETF standard that maps the SCSI family of ap
enabling convergence of storage traffic on to standard TCP/IP fabrics. T
and place the data on TCP/IP networks is ...

Keywords: DA, DDP, DI, Datamover, MPA, RDMA, RDMAP, SCSI, Verbs

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 Michael Schlansker, Nagabhushan Chittur, Erwin Oertli, Paul M. Stillwell, Jr
Richard J. Carter, Jayaram Mudigonda, Nathan Binkert, Norman P. Jouppi
November 2007 SC '07: Proceedings of the 2007 ACM/IEEE conference on S
Publisher: ACM


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10 TCP Offload to the Rescue


 Andy Currid
May 2004 Queue , Volume 2 Issue 3
Publisher: ACM



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significant portion of the TCP/IP protocol ...

11 Communications of the ACM: Volume 51 Issue 9

 September 2008 Communications of the ACM
Publisher: ACM

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